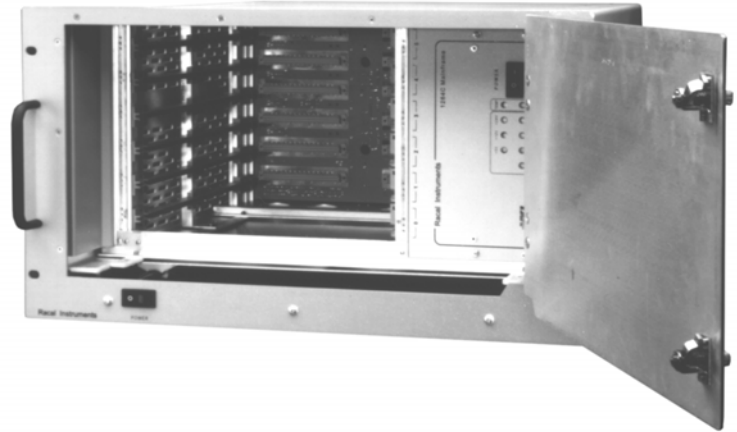


### Rack-Mounted, 6-Slot Chassis Model 1264C/D



- ◆ **Low Cost**
- ◆ **800 W of Available Power**
- ◆ **Integral Aluminum Front Door and Cable Tray**
- ◆ **System Monitor Included**
- ◆ **Rack Ears and Slides Included**
- ◆ **Ideal for Limited-Space, Rack-Mount Applications**

The 1264C/D is a low-cost, 6-slot, C-size VXI chassis with integral aluminum front door and cable tray. This chassis benefits from Racal Instruments' years of experience as a leading VXIbus chassis manufacturer, with performance features normally found only in high-end, 13-slot chassis.

The 1264 C/D chassis is ideal for rackmount applications with limited space availability, and includes an aluminum front door for mounting connectors, small receivers, keyboards, or displays. Modules are

recessed three inches behind the door, allowing room for connectors and cable service loops. An integral cable tray can be used to wire additional system assets to the front door through the rear of the chassis.

The 1264C/D uses a modular power supply assembly with a wireless interconnect system. This provides 800 W of available power and 500 W of useable power. Its high dynamic current ensures crisp signals and accurate measurements from installed modules. The chassis includes status

indicators for all seven power supply rails and fan operation.

Ample cooling is delivered to the modules by means of a pressurized plenum system for even airflow distribution. The chassis includes Racal Instruments' unique slot blockers, which are easily installed to prevent air from diverting through unused slots.

The 1264C/D is designed and built with ISO-9001 certified Racal Instruments quality.

# MODEL 1264C/D SPECIFICATIONS

## ELECTRICAL PERFORMANCE

### Power Supply Input

115 VAC ± 10%  
230 VAC ± 10% (option 71 required)

### AC Line Frequency

47-63 Hz

### Max Input Power

1000 VA

## VXIbus Data

### Peak Current and Dynamic Current

	+5V	-5.2V	+12V	-12V	+24V	-24V	-2V
$I_{mp}$ (A)	45	30	8	8	4	4	15
$I_{md}$ (A)	5	4	2	2	3	3	3

### DC Power

Total Usable Power = 500 W  
Total Available Power = 800 W

### Periodic and Random Deviations (PARD)

± 24 VDC: 150 mVpk-pk  
All others: 50 mVpk-pk

## SYSTEM MONITORING

(Standard)

### Go/No Go Status Indicators

Green light = O.K.; Red light = Failure.  
Monitor all seven power supplies, fan operation and ambient temperature.

## MECHANICAL

### Mainframe Size

VXIbus, 6 each C-size slots

### Chassis Weight

Rack Mount Model 30lb.

### Dimensions

21.6" D x 19" W x 10.5" H

## ENVIRONMENTAL DATA

(MIL-T-28800 Type III, Class 5, Style F)

### Audible Noise

55dBA

### Temperature Range

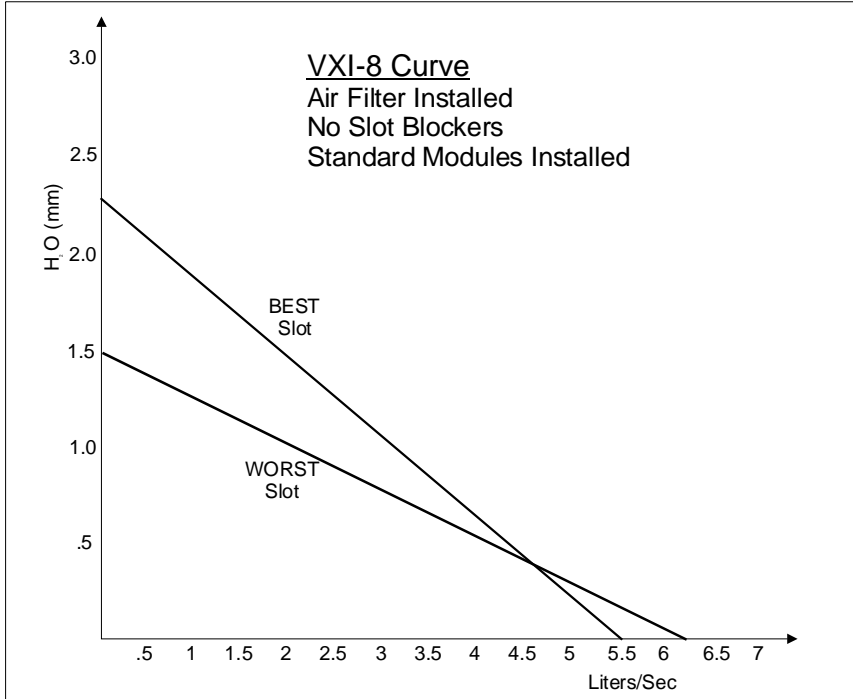
Operating: 0°C to 50°C  
Storage: -40°C to 71°C

## EMC Compliance

FCC 47 CFR Part 15 Class A  
CE: EN50081-1 Emissions  
EN50082-1 Immunity

### Safety

EN61010-1, UL 3111-1



**1264C/D Airflow Diagram**

Airflow curves generated using VXI-8 fixture and specifications.

## ORDERING INFORMATION

Model	Description	Part Number
1264C/D	VXI C-Size, 6 slot Mainframe with Hinged Door, Cable-Tray and Rack Mount Kit with Slides	407682
Option 15	Air Filter	407672
Option 51	Backplane Connector Shields	407674
Option 52	Inter-Module Shields	407675
Option 71	220 VAC Fuse and Power Cord	407676
456271	Air Flow Blocker	456271
404836	Blanking Plates	404836

**CE** The CE Mark indicates that the product has completed and passed rigorous testing in the area of RF Emissions, Immunity to Electromagnetic Disturbances and complies with European electrical safety standards.

The Racal policy is one of continuous development; consequently, the equipment may vary in detail from the description and specification in this publication.

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